

A14081

Leader in Biomolecular Solutions for Life Science



CHRNA6 Rabbit pAb

Catalog No.: A14081

Basic Information

Observed MW

57kDa

Calculated MW

57kDa

Category

Mouse Monoclonal Antibody

Applications

WB,ELISA

Cross-Reactivity

Human,Rat

Background

This gene encodes an alpha subunit of neuronal nicotinic acetylcholine receptors. These receptors consist of five subunits and function as ion channels involved in neurotransmission. The encoded protein is a subunit of neuronal nicotinic acetylcholine receptors that mediate dopaminergic neurotransmission and are activated by acetylcholine and exogenous nicotine. Alternatively spliced transcript variants have been observed for this gene. Single nucleotide polymorphisms in this gene have been associated with both nicotine and alcohol dependence.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

8973

Swiss Prot

Q15825

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 350-440 of human CHRNA6 (NP_004189.1).

Synonyms

CHNRA6; CHRNA6

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

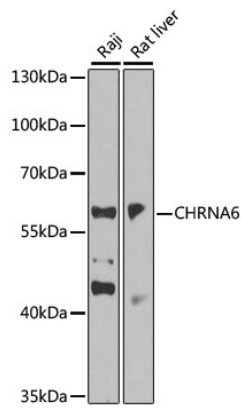
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data



Western blot analysis of various lysates using CHRNA6 Rabbit pAb (A14081) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 μ g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.